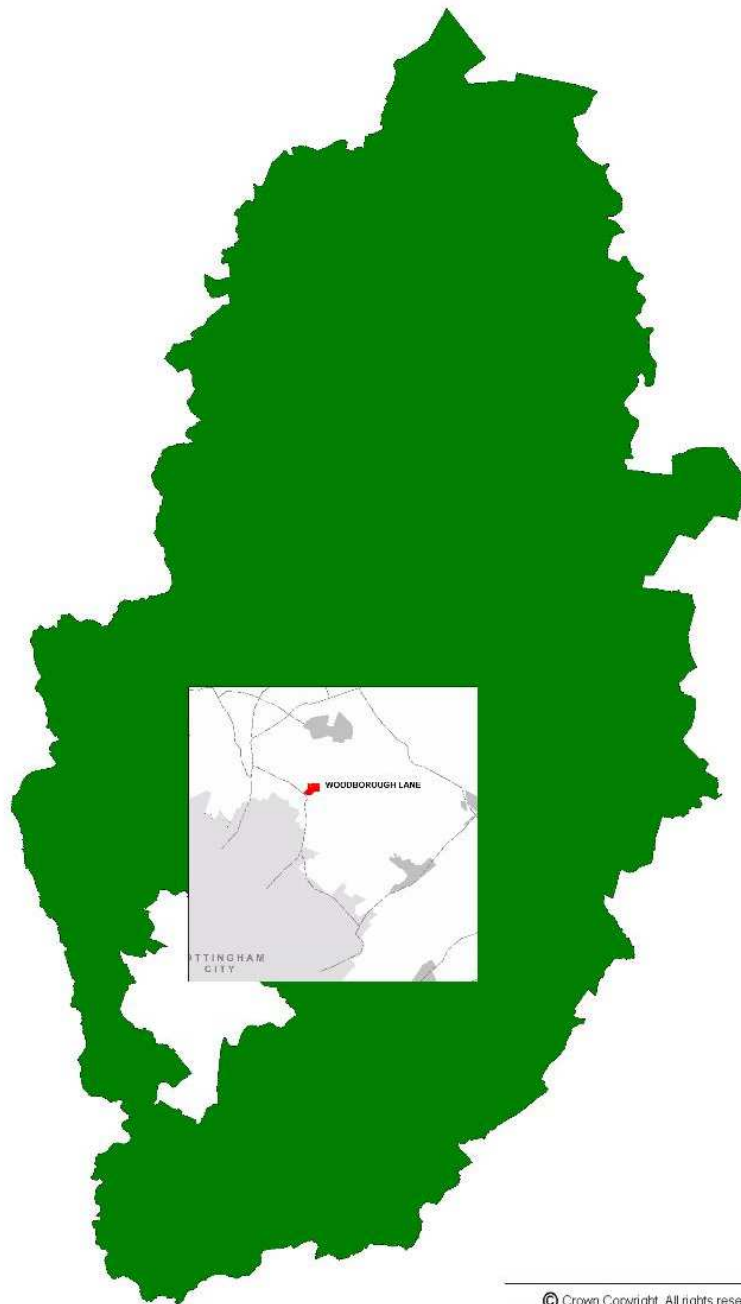




## Nottinghamshire Minerals Local Plan

### Summary of **brick clay** proposals put forward for consideration

Published March 2018





## **Contents**

<b>Introduction</b> .....	1
<b>Plan key</b> .....	2
<b>Location plan</b> .....	3
<b>Woodborough Lane</b> .....	5
<b>Appendix A – Information required through the call for sites exercise</b> .....	8

## Nottinghamshire MLP – Summary of brick clay proposals put forward for consideration

## **Introduction**

As part of the Minerals Local Plan evidence gathering process, a call for sites exercise has been completed. This exercise invited the minerals industry and other relevant parties to put forward quarry proposals they wished to be considered for allocation in the emerging Nottinghamshire Minerals Local Plan.











This document sets out a summary of the key information put forward by the industry on a site by site basis, however it is important to note that the information has not been endorsed by, or reflect the views of the County Council.

As part of the development of the Minerals Local Plan, a range of site specific assessments will be undertaken. This assessment work will then inform the identification of site specific allocations included in the plan, and will ensure that the sites are deliverable, realistic and achievable and can contribute to providing a steady and adequate supply of minerals over the plan period.

This document will be updated if further information is provided by the site proposers.

A detailed list of information was required with the proposals and this can be found in Appendix A

## Plan key

<b>Key to Maps</b>	
	<b>Proposed Site</b>
	<b>Proposed Processing Plant (relevant to the site)</b>
	<b>Existing / Recently Worked Minerals Workings</b>
	<b>Existing/ permitted processing plant</b>
	<b>County Boundary</b>
	<b>SSSI – Site of Special Scientific Interest</b>
	<b>SINC – Site of Important Nature Conservation (Bio)</b>
	<b>SINC – Site of Importance for Nature Conservation (Geo)</b>
	<b>Footpath</b>
	<b>Bridlepath</b>

Source: British Geological Survey, 2013. Digital Geological Map of Great Britain 1:625 000 scale (DiGMapGB-625) Superficial Deposits data[CD-Rom]. Version 1.10. Keyworth, Nottingham. British Geological Survey. Release data 30-04-2013.

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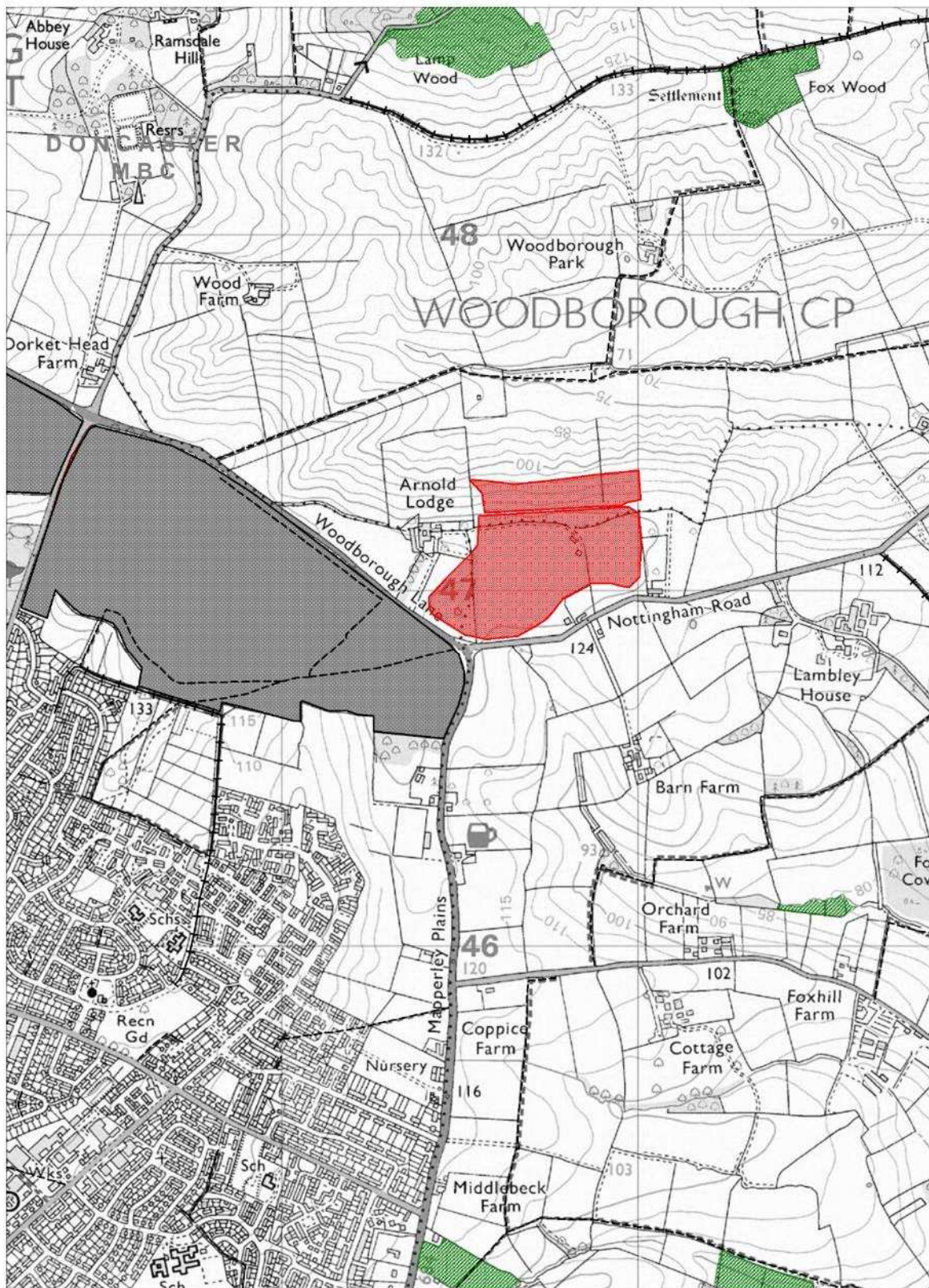
## Location plan



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Nottinghamshire MLP Call for Sites - Brick Clay - Woodborough Lane





## Woodborough Lane

Proposer	
Mineral operator	Ibstock Brick
Location	
Site information (including grid reference)	Grid reference:
Location	The proposed site is located to the north of the junction between the B684 Woodborough Lane and Nottingham Road
District /Borough Council	Gedling Borough Council
Extent of excavations	See 1.3 in call for sites document
Proposed access	A crossing point would be developed between the existing clay pit and the new proposal
Estimated HGV movements	
Reserve data	
Estimated reserves (m3)	2,700,000 m3
Estimated output (tonnes per annum)	100,000 cubic metres
Estimated life of quarry	20-25 years
Estimated start date	Early 2030's.
Role of site	
Greenfield site or extension to existing quarry	Extension to existing clay pit
Replacement to existing quarry	No
Planned market area	Use the clay to produce bricks in the Dorket Head Factory which supply house building markets through Nottinghamshire and the UK
Availability of mineral	
Legal rights to work the mineral?	Yes
Landowner consent	
Owner of the land	Arnold Lodge Farm Ltd.
Formal agreement between owner and mineral operator	Yes
Agricultural land quality	
Grade	3a and 3b
Sensitive receptors	
List receptors within 250m	<ul style="list-style-type: none"> <li>Residential housing at the south east conern of the quarry</li> <li>A Scrapyard to the south of the quarry</li> <li>A farmhouse dwelling to the west of the Quarry (owned by the proposed quarry land owner)</li> </ul>
Restoration	
Proposed restoration	Restored to a natural state

**Note: unless otherwise stated views expressed and information provided are those made by the mineral operator or site proposer.**

### **Location**

Dorket Head quarry is located on the outskirts of Arnold, Nottinghamshire. It lies to the north of Nottingham City Centre.

### **Reserve data**

Ibstock Brick Ltd have retained SLR to complete a report of available mineral resources under the Pan European Reporting Code (PERC) in order to assess the resource available northern of Woodborough Road.

The operation of the quarry immediately south of Woodborough Road has included borehole analysis and ceramic evaluation, plus many years of quarry operation and brick manufacture, meaning Ibstock Brick Ltd have the highest level of confidence in both the geological presence of the Gunthorpe Formation clay and the quality of the material.

SLR have completed an initial assessment of potential reserves at the site however detailed assessment would form part of the ultimate quarry design at the appropriate time. The indicative reserve position is as follows;

Net Clay Mineral: 2,700,000 m<sup>3</sup>

Non Mineral: 550,000 m<sup>3</sup>

The output from the quarry of clay extracted and transported to the clay stockpiles is estimated to remain as current at circa 100,000 cubic metres per annum.

### **Possible role of site**

The site is an extension of the existing quarry, considering its close proximity of the existing quarry.

The planned market area is to use the clay extract to produce bricks in the neighbouring Dorket Head Factory. Bricks will be used to supply predominantly the housebuilding market and public houses throughout Nottinghamshire and the UK.

The location of the site is optimum in terms of serving the market, taking into consideration its close proximity to the factory which is a long established brick manufacturer and only one of two in Nottinghamshire.

### **Site access / proposed operations**

The proposed northern extension will not require haulage along the road network and is proposed to include a crossing point between the northern site and the existing quarry to the south generally in the

## **Environmental and cultural designations**

No information submitted

## **Residential amenity**

Sensitive receptors include:

- Residential housing a the south-east corner of the quarry
- A scrapyard to the south of the quarry
- A farmhouse dwelling to the west of the Quarry (Owned by the proposed quarry land owner)

All sensitive receptors have been considered and will be provided with appropriate screening and protection to ensure minimal disturbance from the quarry. This would form part of the planning application and impact assessment.

## **Water resources**

No information submitted

## **Proposed restoration**

After extraction, the site will be strategically restored to a natural state. The operations will cause a lowering of ground level at the site, which will benefit the landscapes outlook. The restoration to low level will be developed from the working scheme and using Non Mineral from the extraction.

An appropriate restoration scheme will also ensure that water is managed appropriately. The restoration scheme will provide opportunity for biodiversity as part of the scheme.

## **Appendix A – Information required through the call for sites exercise**

### **1. Location**

- 1.1. Proposed boundary of the site
- 1.2. The extent of excavations
- 1.3. Proposed access to the site, including a map of key routes from the site to the nearest major roads
- 1.4. Possible location(s) of processing plant
- 1.5. Phasing
- 1.6. An OS map of the site
- 1.7. Estimated number of HGV movements per day/month/year

### **2. Reserve Data (with supporting evidence)**

- 2.1. Quality and quantity of recoverable reserves
- 2.2. Estimated output per annum
- 2.3. Estimated lifespan of the mineral working (years)
- 2.4. When will the site be ready to be worked?

### **3. Role of site/markets**

- 3.1. Is the site a new Greenfield site or an extension?
- 3.2. If a Greenfield site, is it replacing an existing mineral working within or outside the county
- 3.3. What is your planned market area?
- 3.4. Is the location of the site optimum in terms of serving the market?

### **4. Availability of Mineral**

- 4.1. Do you have the legal rights to work all of the mineral including access to a public highway or any other transport route?

### **5. Landowner Consent**

- 5.1. Who is the legal owner of the site?
- 5.2. Is the legal owner of the site also a minerals operator?
- 5.3. Has the legal owner made a formal agreement with any mineral operator for minerals exploration and/or minerals extraction

### **6. Agricultural land quality**

- 6.1. Agricultural land classifications found within the site

### **7. Sensitive Receptors**

- 7.1. Is the site located within 250m of any sensitive receptors? (schools, residential dwellings, workplaces, healthcare facilities)

### **8. Reclamation**

- 8.1. Proposed reclamation schemes – what opportunities for environmental benefits do you see arising from the scheme?
- 8.2. Does the reclamation of the site depend on importing fill? If so, please indicate type of waste, main sources and timescales

**NOTE: All information submitted as part of this call for sites will be available for public viewing**